

Table A.3.1. Central Yard SWMU 11A Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water ¹	Lithologic Description ² (Observation Notes)	Maximum PID Response, ppm _v (Depth)	Sample Type ³	Sample ID (Depth)	Analyses ⁴	COC Concentrations Greater Than Delineation Criteria
S0746 9/26/02 Full RFI	12	7	Fill: 0-10: Native: gray clay: 10-12	2 (1-1.5)	P, U, F	S0746A2 (0.5-1)	V, S, Pb, TOL	None
					P, U, F	S0746D2 (6.5-7)	V, S, Pb, TOL	None
					P, U, N	S0746F2 (10.5-11)	V, S, Pb, TOL	None
S0745 9/26/02 Full RFI	10	4	Fill: 0-9: (strong petroleum odor in the fill material at 2-3) Fill: gray clay with slag frags. (NAPL brown motor oil-like film at 8-9) Native: gray clay: 9-10	175 (7-7.5)	P, U, F	S0745A4 (1.5-2)	V, S, Pb, TOL	Benzo(a)anthracene: 4J mg/kg Benzo(a)pyrene: 3.1J mg/kg Benzo(b)fluoranthene: 3.8J mg/kg Benzo(k)fluoranthene: 1.6J mg/kg Indeno(1,2,-cd)pyrene: 1.8J mg/kg
					P, U, F	S0745E2 (8.5-9)	V, S, Pb, TOL	None
					P, S, N	S0745E4 (9.5-10)	V, S, Pb, TOL	None
S0744 9/26/02 Full RFI	12	6.5	Fill: 0-8: Native: gray clay: 8-12	3 (2-2.5)	P, U, F	S0744A2 (0.5-1) (duplicate)	V, S, Pb, TOL	None
					P,U,F	S0744A4 (1.5-2)	SPLP Pb	
					P, U, F	S0744 (1-3)	Phys. Char.	
					P, U, F	S0744D1 (6-6.5)	V, S, Pb, TOL	None
					P, S, N	S0744E2 (8.5-9)	V, S, Pb, TOL	None
H0217 3/9/99 1 st Groundwater Addendum	10	0.6	See H0192	1.6	Water	H0217 H0217VC	V, S, Pb	None
H0192 1/14/99 1 st Groundwater Addendum	10	1	Fill: 0-4: Native: gray clay: 8-10	0	Water	H0192	S, Pb	None

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HP0113 9/16/97 1 st Groundwater	11	10	See SB0056	0	Water	HP0113	V, S, Pb	Bis(2ethylhexyl) phthalate: 62 µg/L Lead: 435 µg/L
SB0056 11/3/95 1 st Soils	8	4.25	Fill: 0-6.25: Native: gray silt: 6.25-8	25 (6-8)	O,U,F	SB0056SB (2-4)	V, S, Pb, TEL, TPH	TEL: 3.45 mg/kg Lead: 1820 mg/kg
U011013 11/1/95 1 st Soils	8	4.25	Fill: 0-6.25: Native: gray silt: 6.25-8	2958 (2-4)	None			
U011012 11/1/95 1 st Soils	8	4	Fill: 0-4: Native: gray silt: 4-8	0	None			
U011011 11/1/95 1 st Soils	8	6	Fill: 0-5: Native: gray and brown silt: 5-8	0	None			
U011010 11/1/95 1 st Soils	8	7.5	Fill: 0-6.1: Native: gray silt: 6.1-8	0	None			
U011009 11/1/95 1 st Soils	8	6	Fill: 0-7 Native: gray silt: 7-8	0	None			
U011006 10/18/95 1 st Soils	8	4	Fill: 0-6.25: Native: gray silt: 6.25-8	0	None			
U011005 10/19/95 1 st Soils	8	4	Fill: 0-4.3: Native: gray to brown silt: 4.3-8	0	None			
U011004 10/19/95 1 st Soils	8	4	Fill: 0-7: Native: gray and brown silt: 7-8	3.2 (4-6)	None			
U011003 10/18/95 1 st Soils	12	4	Fill: 0-6.3: Native: gray silt: 6.3-12	0	None			

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U011002 10/18/95 1 st Soils	10	6.5	Fill: 0-6.5: Native: gray silt: 6.5-10)	0	None			
U011001 10/18/95 1 st Soils	8	3	Fill: 0-6.75: Native: gray silt: 6.75-8	0	None			

NOTES:

Benzene and benzo(a)pyrene are highlighted in bold because they are indicator constituents of concern (COCs)

Shaded rows indicate samples collected from nearby SWMUs/AOCs

ppm_v = parts per million (volume basis)

All depths referenced on this summary table are in feet below the ground surface.

PID = Photoionization detector.

ID = Identifier.

mg/kg = milligrams per kilogram (equivalent to parts per million).

µg/L = micrograms per liter (equivalent to parts per million).

¹Depth to water as observed during borehole advancement.

²“Fill” encountered within the completed borings was characteristically described as an asphalt layer (typical) underlain by a heterogeneous gravel to clay mixture of unconsolidated materials, ranging in color from tan to gray with occasional construction debris (e.g., brick) present. In some locations, the fill material is further characterized by containing a slag or beaded material, in which case it is noted within the table. Also noted on the table are any other olfactory or visual observations that indicate potential petroleum-type impacts within the fill unit were observed.

³P – property boundary, O – on-site, U – unsaturated, S – saturated, F – fill, N – native. “None” indicates that no sample was collected.

⁴V – VOCs, S – SVOCs, M – metals, Pb – lead, TOL – total organic lead, TEL – tetraethyl lead, TPH – Total Petroleum Hydrocarbons; SPLP -- Synthetic Precipitation Leaching Procedure; -Phys. Char. -- physical characteristics.